



03/20/03

1713

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
DeBoer et al.

Serial No.: 09/964,714

Filed: September 27, 2001

For: Process for the Co-Oligomerisation of Ethylene and Alpha Olefins

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Group Art Unit: 1713

Examiner: Robert D. Harlan

Atty. Docket: SHELL-TS1011

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3/27/03

RESPONSE TO FIRST OFFICE ACTION

Assistant Commissioner for Patents
Washington, D.C. 20231

This paper is filed in response to the office action mailed December 19, 2002.

AMENDMENT

Please cancel claims ~~8-12~~.

Please amend claims 1 and 7 as follows:

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1. A process for production of higher linear alpha olefins and/or alkyl branched

alpha olefins comprising:

co-oligomerising one or more alpha olefins other than ethylene with ethylene in the presence of a metal catalyst system employing one or more bis-aryliminepyridine MX_a complexes and/or one or more $[bis-aryliminepyridine MY_p.L_b^+][NC^-]_q$ complexes, said bis-aryliminepyridine complexes comprising a ligand of the formula,

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